

U.S. Appl. No. 09/903,014
Reply to Office Action dated January 11, 2006

PATENT
450100-03328

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a memory section for storing GPS position information received from a movable body that is an object; and

a multiplex processing section for multiplexing the GPS position information received from the movable body and GPS position information received from an imaging apparatus on a digital broadcast signal of a corresponding program.

2. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a mapping processing section for mapping position information of a movable body that is an object and position information of an imaging apparatus on a map on a basis of GPS position information received from the movable body and GPS position information received from the imaging apparatus; and

a multiplex processing section for multiplexing mapping information generated by said mapping processing section on a digital broadcast signal.

3-6. (Canceled)

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7. (Original) The digital broadcast signal processing apparatus according to claim 1, wherein said multiplex processing section multiplexes profile information concerning the movable body on the digital broadcast signal.

8. (Original) The digital broadcast signal processing apparatus according to claim 7, wherein said profile information includes uniform resource locator (URL) information or mail address information, both being for access to information concerning the movable body.

9. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a mapping processing section for separating GPS position information of a movable body that is an object and GPS position information of an imaging apparatus from a digital broadcast signal that was received or reproduced to map position information of the movable body and the imaging apparatus on a map on a basis of the GPS position information of the movable body and GPS position information of the imaging apparatus; and

a multiplex processing section for multiplexing mapping information generated in said mapping processing section on a digital broadcast signal of a corresponding program.

10-11. (Canceled)

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12. (Currently Amended) A digital broadcast signal processing apparatus comprising:
a memory section for storing profile information concerning a movable body that is an object; and
a multiplex processing section for multiplexing the profile information ~~concerning the movable body that is the object of a digital broadcast signal and position information of an imaging apparatus~~ that was received or reproduced on the ~~a~~ digital broadcast signal.

13. (Currently Amended) The digital broadcast signal processing apparatus according to claim 12, wherein ~~any of the~~ position information of the movable body that is the object, mapping information generated by mapping of the position information of the movable body that is the object and/or position information of an imaging apparatus on a map, imaging area information by the imaging apparatus and object information by the imaging apparatus is multiplexed on the digital broadcast signal.

14. (Original) The digital broadcast signal processing apparatus according to claim 12, wherein said profile information includes uniform resource locator (URL) information or mail address information for access to information concerning the movable body.

15-22. (Canceled)

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23. (Currently Amended) A digital broadcast signal processing method comprising the steps of:
reading out GPS position information received from a movable body that is an object;
reading out GPS position information received from an imaging apparatus; and
multiplexing the GPS position information received from the movable body and
GPS position information received from the imaging apparatus on a digital broadcast signal of a
corresponding program.

24. (Currently Amended) A digital broadcast signal processing method comprising the steps of:
mapping position information of a movable body that is an object and position
information of an imaging apparatus on a map on a basis of GPS position information received
from the movable body and GPS position information received from the imaging apparatus; and
multiplexing mapping information generated in said mapping step on a digital broadcast signal.

25-27. (Canceled)

28. (Currently Amended) A digital broadcast signal processing method comprising the steps of:
reading out GPS position information received from a movable body that is an object;

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reading out imaging area information by an imaging apparatus;
reading out GPS position information received from an imaging apparatus; and
multiplexing the GPS position information received from the movable body, GPS
position information received from the imaging apparatus and the imaging area information on a
digital broadcast signal of a corresponding program.

29. (Original) The digital broadcast signal processing method according to
claim 24, said method further comprising a step of:

multiplexing profile information concerning the movable body on the digital
broadcast signal.

30. (Original) The digital broadcast signal processing method according to
claim 29, wherein the profile information includes uniform resource locator (URL) information
or mail address information, both being for access to information concerning the movable body.

31. (Currently Amended) A digital broadcast signal processing method
comprising the steps of:

separating GPS position information of a movable body that is an object and GPS
position information of an imaging apparatus from a digital broadcast signal that was received or
reproduced to map position information of the movable body and the imaging apparatus on a
map on a basis of the GPS position information of the movable body and GPS position
information of the imaging apparatus; and.

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multiplexing mapping information generated in said step on a digital broadcast
signal of a corresponding program.

32-33. (Cancelled)

34. (Currently Amended) A digital broadcast signal processing method comprising the steps of:

reading out profile information concerning a movable body that is an object;
reading out GPS position information of an imaging apparatus; and
multiplexing the profile information concerning the movable body that is the
object of a digital broadcast signal that was received or reproduced and the GPS position
information on the a digital broadcast signal.

35. (Currently Amended) The digital broadcast signal processing method according to claim 34, wherein any of the position information of the movable body that is the object, mapping information generated by mapping of the position information of the movable body that is the object and/or position information of an imaging apparatus on a map, imaging area information by the imaging apparatus and object information by the imaging apparatus is multiplexed on the digital broadcast signal.

36. (Original) The digital broadcast signal processing method according to claim 34, wherein said profile information includes uniform resource locator (URL) information or mail address information for access to information concerning the movable body.

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37-44. (Canceled)

45. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing GPS position information received from a movable body that is an object and GPS position information received from an imaging apparatus on a picture signal; and transmitting the picture signal after the multiplexing process as a digital broadcast signal.

46. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing GPS position information of a movable body that is an object, GPS position information of an imaging apparatus and imaging area information by an the imaging apparatus on a picture signal; and

transmitting the picture signal after the multiplexing process as a digital broadcast signal.

47. (Currently Amended) A digital broadcast signal processing method comprising the processes of:

multiplexing mapping information generated by mapping position information of a movable body that is an object and/or and position information of a an imaging apparatus on a map on a picture signal; and

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transmitting the picture signal after the multiplexing process as a digital broadcast signal.

48. (Canceled)

49. (Currently Amended) A digital broadcast signal processing method comprising the processes of:
multiplexing profile information concerning a movable body that is an object and GPS position information of an imaging apparatus on a picture signal; and transmitting the picture signal after the multiplexing process as a digital broadcast signal.

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